
Citations from Patent Abstracts of Japan: PAJ ISS 05-01-00

We are pleased to announce that we are now able to resume processing of Japanese Unexamined Patent Applications. However, due to format changes in the data we receive from the Japanese Patent Office we are no longer able to provide the cropped images of the first page of the application. Sorry for any inconvenience.

1. ELECTROPHORETIC PARTICLE FRACTIONATION DEVICE, ELECTROPHORETIC PARTICLE FRACTIONATION AND MANUFACTURE OF SHEETLIKE DISPLAY MEDIUM

PAJ 05-01-00 00140582 JP NDN- 043-0176-3293-3

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APPLICANT(S)- FUJI XEROX CO LTD

PUBLICATION COUNTRY- Japan

PROBLEM TO BE SOLVED: To enable an image to be displayed stably with a high image quality.

SOLUTION: Dichroic particles 20 are supplied to a liquid 201 from the supply apparatus 204 of a dichroic particle fractionation device 200 and, at the same time, descend by gravity while the particles 20 receive the resistance of a liquid 201 when an electric field is applied to the particles 20 by electrodes 203A, 203B. Simultaneously, the particles 20 move horizontally in response to a net charge and are deflected to be recovered by recovery parts 205a-205g. Further, a sheetlike display medium using an electrophoretic phenomenon is formed by using only the dichroic particles 20 recovered by the specific recovery part 205, e.g. 205d among the recovery parts 205a-205g.

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